

**RECEIVED
CENTRAL FAX CENTER****JAN 05 2005****FAX TRANSMISSION****DATE:** January 5, 2005**PTO IDENTIFIER:** Application Number 10/669,503-Conf. #4338
Patent Number**Inventor:** Shigeru Kawano et al.**MESSAGE TO:** US Patent and Trademark Office**FAX NUMBER:** (703) 872-9306**FROM:** CONNOLLY BOVE LODGE & HUTZ LLP
Burton A. Amernick**PHONE:** (202) 331-7111**Attorney Dkt. #:** 21581-00256-US1**PAGES (Including Cover Sheet):** 66**CONTENTS:** Information Disclosure Statement
IDS Citation/Cited References
Certificate of Transmission

If your receipt of this transmission is in error, please notify this firm immediately by collect call to sender at (202) 331-7111 and send the original transmission to us by return mail at the address below.

This transmission is intended for the sole use of the individual and entity to whom it is addressed, and may contain information that is privileged, confidential and exempt from disclosure under applicable law. You are hereby notified that any dissemination, distribution or duplication of this transmission by someone other than the intended addressee or its designated agent is strictly prohibited.

CONNOLLY BOVE LODGE & HUTZ LLP
1990 M Street, N.W., Suite 800, Washington, DC 20036-3425
Telephone: (202) 331-7111 Facsimile: (202) 293-6229

BEST AVAILABLE COPY

Approved for use through 07/31/2008. OMB 0851-0031
U. S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Application No. (if known): 10/669,503

Attorney Docket No.: 21581-00256-US1

Certificate of Transmission under 37 CFR 1.8

I hereby certify that this correspondence is being facsimile transmitted to the United States Patent and Trademark Office.

on January 5, 2005
Date

Nicole Brown
Signature

Nicole Brown
Typed or printed name of person signing Certificate

Registration Number, if applicable

(202) 331-7111
Telephone Number

Note: Each paper must have its own certificate of transmission, or this certificate must identify each submitted paper.

Information Disclosure Statement
IDS Citation/Cited References

BEST AVAILABLE COPY

RECEIVED
CENTRAL FAX CENTER

JAN 05 2005

Docket No.: 21581-00256-US1
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Shigeru Kawano et al.

Application No.: 10/669,503

Confirmation No.: 4338

Filed: September 25, 2003

Art Unit: 1652

For: PROCESS FOR PRODUCING OPTICALLY
ACTIVE PYRIDINEETHANOL
DERIVATIVES

Examiner: Not Yet Assigned

INFORMATION DISCLOSURE STATEMENT (IDS)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed before the mailing date of a first Office Action on the merits as far as is known to the undersigned (37 CFR 1.97(b)(3)).

A copy of each reference on the PTO/SB/08 is attached.

A concise explanation of relevance of the items listed on form PTO/SB/08 is in the form of an English language copy of a Search Report from a foreign patent office, issued in a counterpart application, which refers to the relevant portions of the references.

BEST AVAILABLE COPY

Application No.: 10/669,503

Docket No.: 21581-00256-US1


In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 22-0185, under Order No. 21581-00256-US1.

Dated: January 5, 2005

Respectfully submitted,

By 
Burton A. Amernick

Registration No.: 24,852
CONNOLLY BOVE LODGE & HUTZ LLP
1990 M Street, N.W., Suite 800
Washington, DC 20036-3425
(202) 331-7111
(202) 293-6229 (Fax)
Attorney for Applicant

BEST AVAILABLE COPY

Approved for use through 07/31/2008. OMB 0651-0031
 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
 Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1445A/B/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	10/669,503-Conf. #4338
		Filing Date	September 25, 2003
		First Named Inventor	Shigeru Kawano
		Art Unit	1652
		Examiner Name	Not Yet Assigned
Sheet	1	of	1
		Attorney Docket Number	21581-00256-US1

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	AA	US-5,385,833	01-31-1995	BRADSHAW, et al	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ -Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁴
	BA	PL-177372 B1	11-30-1989	AKADEMIA ROLNICZA,		

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 801.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	CA	Mitsuhiro Takeshita et al, Heterocycles. Synthesis of optically active hetero alkylaryl alcohols by baker's yeast (1987) Vol. 26, No. 12, pp. 3051-3054.	
	CB	David Bailey et al, Tetrahedron: Asymmetry. Preparation of highly enantiopure pyridylethanols by baker's yeast reductions (1993) Vol. 4, No. 6, pp. 1255-1258.	
	CC	Curt Bradshaw et al, J. Org. Chem. Lactobacillus kefir Alcohol dehydrogenase: A useful catalyst for synthesis (2-28-1992) Vol. 57, No. 5, pp. 1532-1538.	
	CD	Yoshinobu Naoshima et al, Recent Res. Devel. in Phytochem., 2. Biotransformations by plant cell cultures: Preparation of chiral alcohols by enantioselective reduction of organic compounds with immobilized cells of carrot (1998) pp. 11-21.	
	CE	P. N. Patil et al, Biotechnology Letters. Enantiomeric synthesis of pyridyl-1-ethanols using rhizopus arrhizus (February 1996) Vol. 18, No. 2, pp. 159-162.	
	CF	Robert Seemayer et al, Tetrahedron: Asymmetry. Preparation of optically pure pyridyl-1-ethanols (1992) Vol. 3, No. 7, pp. 827-830.	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

373577

BEST AVAILABLE COPY